Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 14 May 2021 until 23:59 on Saturday 15 May 2021

Forecast Issued on Friday 14 May 2021 at 03:46

Confidence: High for an unsettled outlook. Low for timings of rain on Saturday especially, similarly for detail of more showery remainder of period.

Headline for Friday 14 May 2021: Damp at first, with extensive low cloud and mist slowly lifting to reveal some warm sunny intervals later. Chance of isolated showers.

Mountain weather hazards on Friday 14 May 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Mist	Cloudy	Sunny intervals	Light rain showers	Sunny intervals	Cloudy
Precipitation probability					
20%	10%	20%	40%	30%	10%

Forecast for Friday 14 May 2021

Weather: Damp during the eartly hours and at first, with extensive low cloud and mist for all but perhaps some of the most sheltered west-facing valleys. This cloud and mist should slowly lift into the afternoon to reveal some warm sunny intervals later. There is a chance of the odd shower, although these should be fewer and lighter than of late. Becoming dry and chilly into the evening, with cloud once again encroaching from the east.

Chance of cloud free mountain/hill tops above 600m: 20% initially, becoming generally 80% into the afternoon.

Visibility: Poor at first, improving to very good into the afternoon with a chance of brief spells of poor-moderate around showers. Significant deterioration again likely in encroaching low cloud during the evening in the east.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 14 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/16 NE	8/12 NE	6/9 NE	7/10 E	9/13 SE	11/17 SE	13/19 SE
300	10/17 NE	7/11 NE	5/8 NE	4/8 SE	7/12 SE	7/14 SE	10/17 SE
Valley	9/17 NE	6/10 E	4/6 E	2/6 SE	6/12 SE	6/11 E	7/15 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	4/1	6/4	8/6	7/5	6/3	5/1
300	6/2	7/5	10/9	11/10	10/8	9/7	7/5
Valley	7/4	9/8	11/10	12/12	11/10	9/8	8/6
Freezing Level*	1300m	1300m	1400m	1500m	1500m	1500m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong sunlight, especially at elevation in the afternoon, suitable protection advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 14 May 2021	N/A	N/A	N/A

Forecast for Saturday 15 May 2021

Weather: Probably another extensively cloudy morning, with periods of rain spreading from the southwest. Probably becoming brighter into the second half of the day, although timing of improvement uncertain, giving way to a risk of slow-moving, heavy and thundery showers as well as warm sunny spells. Hail is also possible in these heavier downpours.

Maximum wind: Southeasterly 20mph.

Chance of cloud free mountain/hill tops above 600m: 20% improving 80%, but note deterioration in showers and increasing risk of thunderstorms.

Visibility: Poor in early cloudy and damp conditions. Becoming very good later, but marked deterioration in showers.

Temperature: **Valleys:** Plus 4 becoming 12 Celsius.
At 600m: Plus 6 Celsius.
Freezing level: Well above the peaks.

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